Refine Search

Search Results -

Terms	Documents
L19 and inhal$	170

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L20

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Thursday, March 16, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L20	L19 and inhal$	170	L20
L19	L18 and @pd<20020821	2294	L19
L18	((medicament or active or drug or pharmaceutical or therapeutic) near5 coat$) near5 (carrier or excipient)	3487	L18
L17	((medicament or active or drug or pharmaceutical or therapeutic) near5 monolayer) near5 carrier	3	L17
L16	L15 and formoterol	3	L16
L15	L13 and @pd<20020821	418	L15
L14	L13 and@pd<20020821	37096764	L14
L13	(medicament or active or drug or pharmaceutical or therapeutic) near5 monolayer	853	L13
L12	L8 and formoterol	12	L12
L11	L8 and formoterol and budesonide	11	L11

L10	L7 and @pd<20020821	10	L10
L9	(geometric adj mixing) and L4	3	L9
L8	monolayer near10 ((carrier or lactose) or (medicament or active or drug or pharmaceutical or therapeutic))	2425	L8
L7	L6 and (MDPI or (multi adj dose adj dry adj powder adj inhaler))	74	L7
L6	L4 near10 L5	6047	L6
L5	inhal$	93925	L5
L4	dry adj powder	42864	L4
L3	L1 near10 L2	31499	L3
L2	lactose	134651	L2
L1	carrier	1549840	L1

END OF SEARCH HISTORY

MENU

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L20: Entry 158 of 170 File: DWPI Jun 2, 2005

DERWENT-ACC-NO: 2001-147272
DERWENT-WEEK: 200537

TITLE: Particles with a perfectly smooth surface and having a specified median diameter and surface rugosity are prepared by treatment with a high speed mixer-granulator, useful as carriers in inhalation powder mixtures with micronized drugs

INVENTOR: BETTINI, R ; CAPONETTI, G ; CATELLANI, P L ; COLOMBO, P ; VENTURA, P

PATENT-ASSIGNEE:

ASSIGNEE	CODE
CHIESI FARM SPA	CHIEN

PRIORITY-DATA: 1999IT-MI01582 (July 16, 1999)

Search Selected Search ALL Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20050118113 A1	June 2, 2005		000	A61K031/4745
WO 200105429 A2	January 25, 2001	E	039	A61K047/00
AU 200068232 A	February 5, 2001		000	A61K047/00
EP 1196146 A2	April 17, 2002	E	000	A61K009/14
BR 200012351 A	June 11, 2002		000	A61K047/00
IT 1313047 B	May 30, 2002		000	A61K000/00
US 6780508 B1	August 24, 2004		000	B32B005/16

DESIGNATED-STATES: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20050118113A1	July 13, 2000	2000WO-EP06690	Cont of
US20050118113A1	April 16, 2002	2002US-0030686	Cont of

DERWENT-ACC-NO: 2001-147272
DERWENT-WEEK: 200537

TITLE: Particles with a perfectly smooth surface and having a specified median diameter and surface rugosity are prepared by treatment with a high speed mixer-granulator, useful as carriers in inhalation powder mixtures with micronized drugs

Basic Abstract Text (1):
NOVELTY - Carrier particles for use in powdery mixtures for inhalation of micronized drugs via dry powder inhalers, have a smooth surface and are prepared by treatment with a high speed mixer-granulator.

Basic Abstract Text (2):
DETAILED DESCRIPTION - Carrier particles for use in formulations for pulmonary administration of micronized drugs via a powder inhaler have median diameter greater than 90 mu m and surface rugosity at most 1.

Basic Abstract Text (6):
(c) pharmaceutical compositions for inhalation, obtained by mixing active principles in the form of micronized powder with particles as above.

Basic Abstract Text (7):
USE - For administration of drugs by inhalation, particularly drugs for the treatment of respiratory diseases such as beta -agonists (e.g. salbutamol, formoterol, salmeterol and terbutaline), antiinflammatory steroids (e.g. beclometasone dipropionate, flunisolide and budesonide) or an anticholinergic (e.g. ipratropium bromide or oxitropium bromide). Any active ingredient suitable for endobronchial administration may be used.

Basic Abstract Text (8):
ADVANTAGE - The method makes the surface of the particles of the carrier smooth, without any roughness or hollows, clefts and sharp edges, which represent sites of high surface energy to which the drug particles might adhere. The method permits improvement of the uniformity of the surface characteristics of commercially available substances commonly employed as carriers for inhalation powders, whose characteristics are generally variable. The particles of the additive are not released from the carrier particles during inhalation and so do not reach the smaller branching of the pulmonary tree. Powders for inhalation obtained by mixing the smooth carrier particles (with or without coating) with a micronized drug give rise to a particularly high respirable fraction of drug. The method is rapid and convenient and allows smooth particles to be obtained starting from an industrial powder consisting of rough particles without substantially altering their average size and geometry. The use of the high speed mixer-granulator allows the surface characteristics and shape of particles of pharmaceutical excipients to be altered without agglomerating them and without significantly changing their crystalline structure and physicochemical properties. The process only gives rise to

PALM INTRANET

Day : Thursday
Date: 3/16/2006

Time: 13:07:59

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
Zeng	Xian-Ming	Search

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Back to PALM | ASSIGNMENT | OASIS | Home page

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1982:40927 CAPLUS
DOCUMENT NUMBER: 96:40927
TITLE: Solid microdose drug preparation
INVENTOR(S): Fukui, Muneo; Kubota, Yukio; Kawata, Hiroitsu; Konno, Yutaka; Aruga, Masayoshi
PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd. , Japan
SOURCE: Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 37740	A2	19811014	EP 1981-301521	19810407
EP 37740	A3	19820512		
EP 37740	B1	19851121		
R: CH, DE, FR, GB, IT				
JP 56140915	A2	19811104	JP 1980-46002	19800407
US 4380534	A	19830419	US 1981-249886	19810401
ES 501122	A1	19820601	ES 1981-501122	19810406
PRIORITY APPLN. INFO.:			JP 1980-46002 A	19800407

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=> d his

     (FILE 'HOME' ENTERED AT 14:01:31 ON 16 MAR 2006)

     FILE 'CAPLUS, MEDLINE' ENTERED AT 14:01:43 ON 16 MAR 2006
L1           685 S LACTOSE (10A) CARRIER
L2          6932 S DRY(W)POWDER
L3          1891 S L2 AND INHAL?
L4             0 S L3 AND (GEOMETRIC(W)MIXING)
L5           340 S L3 AND (BUDESONIDE OR FORMOTEROL(W)FUMARATE(W)DIHYDRATE)
L6             5 S L3 AND (BUDESONIDE AND (FORMOTEROL(W)FUMARATE(W)DIHYDRATE))
L7           160 S L3 AND L1
L8            30 S L7 AND (BUDESONIDE OR (FORMOTEROL(W)FUMARATE))
L9             0 S L8 AND (CARRIER(5A)((COAT? OR MONOLAYER)(5A)(ACTIVE OR PHARM
L10        14933 S (ACTIVE OR PHARMACEUTICAL OR MEDICAMENT OR DRUG OR THERAPEUTI
L11          961 S L10 AND LACTOSE
L12            1 S L11 AND FORMOTEROL
L13            9 S L11 AND BUDESONIDE
L14           30 FOCUS L8 1-
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L13 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
TI Pharmaceutical powder formulation for inhalation
AB A pharmaceutical powder, to be administered by inhalation especially for treatment of respiratory diseases, comprises a carrier with a mean particle size of 200-1000 μm, mixed or **coated** with an **active** agent with a particle size of 0.1-10 μm. Thus, 266.8 g micronized Na cromoglycate and 133.2 g micronized reproterol-HCl were sieved (mesh size 0.125 mm) and mixed with 600.0 g **lactose** (particle size 100% <800 μm, ≤7% <200 μm) for 30 min to produce free-flowing agglomerates.

ACCESSION NUMBER: 1996:132907 CAPLUS
DOCUMENT NUMBER: 124:156062
TITLE: Pharmaceutical powder formulation for inhalation
INVENTOR(S): Sarlikiotis, Werner; de Boer, Anne H.
PATENT ASSIGNEE(S): Asta Medica AG, Germany
SOURCE: Ger. Offen., 6 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4425255	A1	19960118	DE 1994-4425255	19940716
CA 2195065	AA	19960201	CA 1995-2195065	19950621
CA 2195065	C	20020219		
WO 9602231	A1	19960201	WO 1995-EP2392	19950621
W: AU, BR, BY, CA, CN, CZ, FI, HU, IS, JP, KR, MX, NO, NZ, PL, RU, SI, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9528862	A1	19960216	AU 1995-28862	19950621
AU 703924	B2	19990401		
EP 771189	A1	19970507	EP 1995-924299	19950621
EP 771189	B1	20010816		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1156960	A	19970813	CN 1995-194066	19950621
HU 76807	A2	19971128	HU 1997-131	19950621
JP 10502647	T2	19980310	JP 1996-504624	19950621
JP 3011770	B2	20000221		
BR 9508287	A	19980721	BR 1995-8287	19950621
RU 2140260	C1	19991027	RU 1997-102349	19950621
AT 204160	E	20010915	AT 1995-924299	19950621
ES 2162927	T3	20020116	ES 1995-924299	19950621
PT 771189	T	20020228	PT 1995-924299	19950621
CZ 290921	B6	20021113	CZ 1997-126	19950621
SK 282764	B6	20021203	SK 1997-56	19950621
PL 186153	B1	20031128	PL 1995-318649	19950621
TW 475904	B	20020211	TW 1995-84106804	19950630
ZA 9505892	A	19960219	ZA 1995-5892	19950714
IL 114596	A1	20000229	IL 1995-114596	19950714
HR 950403	B1	20011231	HR 1995-950403	19950714
NO 9700068	A	19970108	NO 1997-68	19970108
NO 315894	B1	20031110		
FI 9700164	A	19970115	FI 1997-164	19970115
US 6284287	B1	20010904	US 1997-765928	19970402

PRIORITY APPLN. INFO.: DE 1994-4425255 A 19940716
WO 1995-EP2392 W 19950621

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI **Inhalation** formulations for β2-agonists and glucocorticosteroids
AB A **dry powder** composition comprising (a) one or more potent therapeutically active substances selected from the group consisting of glucocorticosteroids, β2-agonists, and prophylactic agents and (b) a carrier substance. The **dry powder** composition is in finely divided form with a poured bulk d. of 0.28-0.38 g/mL and is useful in the treatment of respiratory disorders, particularly asthma. For example, 5.2 parts of **formoterol fumarate dihydrate** and 896.8 parts of lactose monohydrate were mixed and micronized to obtain a particle size of <3 μm. Micronized **budesonide** (98 parts) was added and the mixture was remicronized. The powder was agglomerated, spheronized and sieved to give a powder with a bulk d. of 0.34 g/mL.

ACCESSION NUMBER: 2000:140546 CAPLUS
DOCUMENT NUMBER: 132:185436
TITLE: **Inhalation** formulations for β2-agonists and glucocorticosteroids
INVENTOR(S): Trofast, Jan
PATENT ASSIGNEE(S): Astra Aktiebolag, Swed.
SOURCE: U.S., 4 pp., Cont.-in-part of U.S. Ser. No. 316,938.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 8
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6030604	A	20000229	US 1998-4902		19980109
US 6371171	B1	20020416	US 1994-316938		19941003
US 6287540	B1	20010911	US 1999-431916		19991102
PRIORITY APPLN. INFO.:			US 1994-316938	A2	19941003
			SE 1997-135	A	19970120
			SE 1993-3215	A	19931001
			SE 1993-4270	A	19931222
			US 1998-4902	A2	19980109

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI Pharmaceutical **inhalant** having a poured bulk density of 0.28 to 0.38 g/ml, a process for preparing the formulation and the use thereof
AB A **dry powder** composition comprising one or more potent pharmaceutically active substances and a carrier substance, all of which are in finely divided form, wherein the formulation has a poured bulk d. of from 0.28 to 0.38 g/mL is useful in the treatment of respiratory disorders. Thus, 0.0315 parts of **formoterol fumarate dihydrate** and 2.969 parts of lactose monohydrate was mixed and micronized to obtain a particle size of < 3μm. The powder was then agglomerated, spheronized and sieved to obtain a powder with a bulk d. of 0.32 g/mL.

ACCESSION NUMBER: 1998:509089 CAPLUS
DOCUMENT NUMBER: 129:153236
TITLE: Pharmaceutical **inhalant** having a poured bulk density of 0.28 to 0.38 g/ml, a process for preparing the formulation and the use thereof
INVENTOR(S): Trofast, Jan
PATENT ASSIGNEE(S): Astra AB, Swed.
SOURCE: PCT Int. Appl., 14 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 8
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9831352	A1	19980723	WO 1998-SE40		19980113
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW					
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
ZA 9800078	A	19980720	ZA 1998-78		19980106
CA 2277913	AA	19980723	CA 1998-2277913		19980113
AU 9857859	A1	19980807	AU 1998-57859		19980113
AU 731192	B2	20010329			
EE 9900295	A	20000215	EE 1999-295		19980113
EE 3951	B1	20030217			
EP 1007017	A1	20000614	EP 1998-901618		19980113
EP 1007017	B1	20050202			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
BR 9811249	A	20000905	BR 1998-11249		19980113
NZ 336594	A	20010126	NZ 1998-336594		19980113
JP 2001508793	T2	20010703	JP 1998-534218		19980113
RU 2194497	C2	20021220	RU 1999-118587		19980113
SK 283950	B6	20040504	SK 1999-959		19980113
AT 288260	E	20050215	AT 1998-901618		19980113
PT 1007017	T	20050531	PT 1998-901618		19980113
ES 2235311	T3	20050701	ES 1998-901618		19980113
IL 130838	A1	20050725	IL 1998-130838		19980113
TW 557217	B	20031011	TW 1998-87103589		19980311
MX 9906661	A	20000131	MX 1999-6661		19990716
NO 9903539	A	19990920	NO 1999-3539		19990719
PRIORITY APPLN. INFO.:			SE 1997-135	A	19970120
			WO 1998-SE40	W	19980113

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN

TI Modified carrier particles for use in **dry powder inhalers**

AB The invention relates to carrier particles for use in pharmaceutical compns. for the pulmonary administration of medicaments by means of **dry powder inhalers**. In particular, the invention relates to a novel technol. process for obtaining a carrier modified so as to improve the efficiency of redispersion of active particles and hence increase the respirable fraction. After the treatment of the invention, the surface of said modified carrier particles can also be coated with a suitable additive so as to further improve the respirable fraction. α-Lactose monohydrate 99.75 % was mixed with 0.25% magnesium stearate and 200 μg/dose beclomethasone-17,21-dipropionate. The flowability properties of the carrier did not change significantly even in the presence of ternary mixture and a significant increase of the fine particle fraction was observed with the carrier.

ACCESSION NUMBER: 2000:645829 CAPLUS
DOCUMENT NUMBER: 133:227824
TITLE: Modified carrier particles for use in **dry powder inhalers**
INVENTOR(S): Musa, Rossella; Bilzi, Roberto; Ventura, Paolo; Chiesi, Paolo
PATENT ASSIGNEE(S): Chiesi Farmaceutici S.P.A, Italy
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000053158	A1	20000914	WO 2000-EP1773	20000302
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
IT 1309592	B1	20020124	IT 1999-MI455	19990305
IT 99MI0455	A1	20000905		
EP 1158960	A1	20011205	EP 2000-912534	20000302
EP 1158960	B1	20030604		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
EP 1312357	A2	20030521	EP 2003-3987	20000302
EP 1312357	A3	20040107		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
AT 241961	E	20030615	AT 2000-912534	20000302
ES 2199793	T3	20040301	ES 2000-912534	20000302
US 6641844	B1	20031104	US 2001-926105	20010927
US 2004009127	A1	20040115	US 2003-423912	20030428
US 2004096516	A1	20040520	US 2003-628453	20030729

PRIORITY APPLN. INFO.:

IT 1999-MI455	A	19990305
EP 2000-912534	A3	20000302
WO 2000-EP1773	W	20000302
US 2001-926105	A3	20010927

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Refine Search

Search Results -

Terms	Documents
(Xian adj Ming) near2 Zeng	5

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L1

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Thursday, March 16, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=OR			
L1	(Xian adj Ming) near2 Zeng	5	L1

END OF SEARCH HISTORY